CLAIMS

1. A plug connector (1) designed to be inserted into a fixed-base connector (2) along a connection axis (15), comprising

- an insulating body (3) provided with cavities (4), each cavity defining an inner periphery (14),

- at least one first compression contact terminal (5), elongated along an elongation axis (13) and designed to be connected to the fixed-base connector by means of a second corresponding contact terminal (9), the first compression contact terminal being designed to be inserted into a cavity, and the first contact terminal comprising

- a connection end (6) designed to be connected to a printed circuit board,

- an intermediate spring part (7), and

- a contact end (8) designed to be connected to a second corresponding contact terminal of the fixed-base connector,

characterized in that

- the contact end of the first contact terminal comprises at least one protuberance (12) mounted at the end of its elongated part, which protuberance has a cut-out face (38) to force a lateral movement of the contact end when this protuberance slides against the inner periphery of the cavity, resulting in the compression of intermediate spring part (7)

when contact end (8) is brought into contact with a facial contact end (10) of the second contact terminal (9).

2. The connector according to claim 1, further characterized in that

- the first contact terminal is planar, and

- the protuberance from the contact end of the first contact terminal is formed in the plane of this contact terminal.

3. The connector according to claim 2, further characterized in that

- intermediate spring part (7) comprises a series of coils (22) beginning with a first coil (23) and ending with a last coil (24), the first coil being distant from the contact end, the last coil being near the contact end,

the last coil coming to be supported against a shoulder (25) formed in the cavity so as to incline elongation axis (13) relative to connection axis (15).

4. The connector according to one of claims 1 to 3, further characterized in that the contact end has a first protuberance (35) and a second protuberance (36) which are stepped along the elongation axis of the contact end.

5. The connector according to claim 4, further characterized in that the first protuberance and the second protuberance of the contact end are placed in the same plane.

6. The connector according to one of claims 1 to 5, further characterized in that

- cavity (4) defines an inlet (33) and an outlet (34), inlet (33) being an area of the cavity near contact end (8) and the outlet being an area of the cavity distant from this same contact end (8),

- at the inlet of cavity (4), inner periphery (14) of cavity (4) defines a straight edge (26) against which contact end (8) of the first contact terminal, when electrically disconnected, is designed to be supported at rest,.

7. The connector according to claim 6, further characterized in that

- the contact end forms an elongated part (16) terminating with a rounded edge (27), which edge (27) is provided with protuberance (12),

- the contact end is supported against straight edge (26) of cavity (4) in an area corresponding to a junction between the protuberance and the elongated part.

8. The connector according to one of claims 1 to 7, further characterized in that the first contact terminal is made by stamping.